10775-36791

PTO/SB/08A (10-01)
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Compl te if Known Substitute for form 1449A/PTO 10/062,521 **Application Number** INFORMATION DISCLOSURE 01/31/2002 Filing Date STATEMENT BY APPLICANT **First Named Inventor** John A. Coneland III **Art Unit** 2131 (use as many sheets as necessary) **Examiner Name**

of

Sheet

Attorney Docket Number

U.S. PATENT DOCUMENTS							
Examiner Cite	Document Number Number - Kind Code ¹ (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
4.19	us- 5.557.742	09-17-1996	Smaha, et. al.				
ואי	US- 5.621.889	04-15-1997	Lermuzeaux, et. al.				
オ ┈─├─	US6,275,942B1	08-14-2001	Bernhard, et. al.				
-	US6,321,338B1	11-20-2001	Porras, et. al.				
-	US6,182,226B1	01-30-2001	Reid, et. al.	***************************************			
J. n	us- 5,991,881	11-23-1999	Conklin, et. al.				
**************************************	us- 5,970.227	10-19-1999	Dayan, et. al.				
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FOREIGN PATENT DOCUMENTS							
Examiner		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	_	
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Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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C mpl t if Kn wn					
Application Number	10/062, 6 21				
Filing Date	01/31/2002				
First Named Inventor	John A. Copeland, III				
Group Art Unit	2131				
Examiner Name					
Attorney Docket Number	10775-36791				

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
Examiner Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	Т2	
HO	COPELAND, JOHN A., et. al., "IP Flow Identification for IP Traffic Carried Over Switched Networks," The International Journal of Computer and Telecommunications Networking COMPUTER NETWORKS 31 (1999), pp. 493-504.		
	COOPER, MARK "An Overview of Intrusion Detection Systems," Xinetica White Paper, (www.xinetica.com) November 19, 2001.		
	NEWMAN, P., et. al.; "RFC 1953: Ipsilon Flow Management Protocol Specification for IPv4 Version 1.0" (www.xyweb.com/rfc/rfc1953.html) May 19, 1999.	,	
	PAXSON, VERN, "Bro: A System for Detecting Network Intruders in Real-Time," 7th USENIX Security Symposium, Lawrence Berkkeley National Laboratory, San Antonio, TX, January 26-29, 1998	·	
	MUKHERJEE, BISWANATH, et. al., "Network Intrusion Detection," IEEE Network, May/June 1994.	,	
	"Network-vs. Host-Based Intrusion Detection: A Guide to Intrustion Detection Technology" ISS Internet Security Systems, October 2, 1998, Atlanta, GA.	(
	BRADFORD, PAUL, et. al. "Characteristics of Network Traffic Flow Anomalies," ACM SIGCOMM Internet Measurement Workshop 2001 (http://www.cs.wisc.edu/pb/ublications.html) July 2001.	/	
	FRINCKE, DEBORAH, et. al.; "A Framework for Cooperative Intrustion Detection" 21st National Information Systems Secuirty Conference, Oct. 1998, Crystal City, VA.		
	Phrack Magazine, Volume 8, Issue 53, July 8, 1998, Article 11 of 15.	1	
	"LANSleuth Fact Sheet, LANSleuth LAN Analyzer for Ethernet and Token Ring Networks, (www.lansleuth.com/features.html) Aurora, Illinois.	/	
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N/h	"LANSleuth General Features," (www.lansleuth.com/features.html) Aurora, Illinois. MAY	2.12	2003
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Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE collection of information unless it contains a valid OMB control number. Compl t if Known ATENT & T te for form 1449/PTO Applicati n Numb r 10/062,621 INFORMATION DISCLOSURE **Filing Dat** January 31, 2002 STATEMENT BY APPLICANT **First Named Inventor** John A. Copeland III Art Unit 2131 (Use as many sheets as necessary) **Examiner Name** Technology Cepter 2100 Attorney Docket Number Sheet 2 10775-36791 of

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		KATO, et. al. "A Real-Time Intrusion Detection System for Large Scale Networks and its Evaluations" leice Transactions on Communications, Institute of Electronices Information and Comm. Eng. Tokyo, Japan: November 1999, pages 1817-1825.	
P		DEBAR, et. al. "Towards a Taxonomy of Intrusion-Detection Systems" Computer Networks, Elsevier Science Publishers, B.V., Amsterdam, NL 23 April 1999, pages 805-822	
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Date Examiner Signature Considered EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citati

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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known **Application Number** 10/062,621 Filing Date January 31, 2002 First Named Inventor John A. Copeland III Art Unit 2131 **Examiner Name** Attorney Docket Number 10775-36791

Examiner	Cite	Document Number	U. S. PATENT DE	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	۲,
118		Country Code ³ Number ⁴ Kind Code ³ (# known) PCT/US00/29490	05-03-2001	Diep, et. al.		
		PCT/US99/29080	06-15-2000	Diep, Thanh A.		F
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